

PRODUCT-DETAILS

CT-AHD.12

CT-AHD.12 Time relay, OFF-delay 1c/o, 24-240VAC 24-48VDC



General Information

Extended Product Type	CT-AHD.12
Product ID	1SVR500110R0000
EAN	4013614350665
Catalog Description	CT-AHD.12 Time relay, OFF-delay 1c/o, 24-240VAC 24-48VDC
Long Description	The CT-AHD.12 is a single-function electronic time relay from the CT-D timer range. It provides an OFF-delay (delay on break) function with 7 time ranges from 0.05 s to 100 h. This time relay operates with a rated control supply voltage of 24 - 48 V DC / 24 - 240 V AC and has a 1 c/o (SPDT) output rated at 250 V / 6 A. A control input works with voltage-related (non-floating) triggering.

Ordering

EAN	4013614350665
Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Popular Downloads

Data Sheet, Technical Information	2CDC110004C0210_01
Instructions and Manuals	1SVC500010M1000 1SVC500010M0000
CAD Dimensional Drawing	2CDC001079B0201

Dimensions

Product Net Width	17.5 mm
Product Net Height	70 mm
Product Net Depth / Length	63 mm
Product Net Weight	0.053 kg

Technical

Timer Relay Type	OFF-Delay
Time Range	0.05 s ... 100 h
Rated Control Supply Voltage (U_s)	24 ... 240 V AC 24 ... 48 V DC
Rated Operational Voltage	Auxiliary Circuit 250 V
Rated Frequency (f)	DC 50 / 60 Hz
Output	1 c/o (SPDT) contact
Terminal Type	Screw Terminals
Rated Operational Current AC-12 (I_{θ})	(230 V) 6 A
Rated Operational Current AC-15 (I_{θ})	(230 V) 3 A
Rated Operational Current DC-12 (I_{θ})	(24 V) 6 A
Rated Operational Current DC-13 (I_{θ})	(24 V) 2 A
Rated Impulse Withstand Voltage (U_{imp})	Input Circuit 4 kV
Rated Insulation Voltage (U_i)	Input Circuit / Output Circuit 300 V
Degree of Protection	Housing IP50 Terminals IP20
Overvoltage Category	III
Pollution Degree	3
Short-Circuit Protective Devices	Output Circuit NC - F Type Fuses 6 A Output Circuit NO - F Type Fuses 10 A
Connecting Capacity	Flexible 1x 0.5 ... 2.5 mm ² Flexible 2x 0.5 ... 1.5 mm ² Rigid 1x 0.5 ... 4 mm ² Rigid 2x 0.5 ... 1.5 mm ²
Tightening Torque	0.5 ... 0.8 N·m
Wire Stripping Length	7 mm
Recommended Screw Driver	0.8 x 4 Pozidriv 1
Mounting Position	1 ... 6
Mounting on DIN Rail	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Standards	CAN/CSA C22.2 No.14 IEC/EN 63000 IEC/EN 61812-1 UL 508

Technical UL/CSA

Maximum Operating Voltage UL/CSA	Output Circuit 300 V AC
Contact Rating UL/CSA	C300
Connecting Capacity UL/CSA	Flexible 1x 18-14 AWG Flexible 2x 18-16 AWG

Tightening Torque UL/CSA	Rigid 1x 20-12 AWG Rigid 2x 20-16 AWG 4.43 ... 7.08 in-lb
Pilot Duty UL/CSA	C300
Flammability According to UL94	V-2

Environmental

Ambient Air Temperature	Operation -20 ... +60 °C Storage -40 ... +85 °C
Maximum Operating Altitude Permissible	Without Derating 2000 m

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	No declaration needed
RoHS Information	1SVD981001-4401
RoHS Status	Following EU Directive 2011/65/EU
SCIP	749b610a-4441-41b0-8dc9-8ccaa1bf2174 Germany (DE)
Simplified SCIP	9a034751-d562-4d06-86d0-3c5b694d2113 Spain (ES) 80dbea1f-e6af-4950-9fa9-2c9e687de01a Belgium (BE) ce7a69c3-9ca8-41cf-85e5-e7715ca6daf2 Poland (PL) 7cc6463e-81a1-42c3-8bcc-a64755ddc4a1 Norway (NO) fde1f62c-b75a-4991-a877-c7875b8723ea Greece (GR) d0a8328a-0c9d-405f-b28c-5924857c0043 Portugal (PT) b4d06218-3a6e-4eb5-92ad-8c376356942b Italy (IT) faeaa2fb-2bf4-4be3-ab22-d2013e8d98aa Finland (FI) e5868d6f-fc86-438f-8b7f-db1b090807f0 Belgium (BE) 5464b3ed-edd3-46ce-9eac-7d6580bb1721 Sweden (SE) 2e0d2ff7-2069-4020-bc7c-af46ccec04ac Poland (PL) a0cb8a6a-eea2-416d-b7fb-709700c39544 Bulgaria (BG) fedd31cf-1d3a-4f30-9568-892af8a64e30 Denmark (DK) 9042fd65-fa48-4d0c-adf4-163be6013551 Germany (DE) bd73e147-6245-4361-8cbf-e089ee420827 Germany (DE) 0f37e0c1-0412-4d3f-a93c-ad7297723c75 Czech Republic (CZ) 46e16f97-69c5-4301-bee2-f640fa11b41b Croatia (HR) 8bb5f82c-ecab-47da-a6ba-c5a3a78c1c4f Hungary (HU) 323fb1ab-afd9-4eca-a4d4-847d018fe882 France (FR) cce8f9c2-653c-4a15-8fa2-a221c1caf70b Sweden (SE) 911f698c-8651-49a8-9754-4f0f13718c54 Germany (DE) 319623b2-a053-4bdc-bc17-f1bdda4ec0a7 Poland (PL) 94c61f6d-a458-4c9e-9fe6-7a3d51633ca9 Netherlands (NL) b667cfb9-b309-4686-aef8-16085db0ac29 Hungary (HU) 47a1c415-21d2-4fe2-a8a1-8f47516317ee Estonia (EE) c07ef9eb-e57c-47ea-be0a-38be88cf85e2 France (FR)

Circular Value

End of Life Instructions	1SAC200319H0001
Environmental Information	1SAC200264H0001

Certificates and Declarations

CCC Certificate	CCC_2019010303150608
CQC Certificate	CQC2019010303150608
cULus Certificate	cULus_20031209-E140448
Declaration of Conformity - CCC	2020980303000209
Declaration of Conformity - CE	1SVD981010-00

Declaration of Conformity
- UKCA

1SVD981010-10

RMRS Certificate

RMRS 1740021250

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	89 mm
Package Level 1 Depth / Length	20 mm
Package Level 1 Height	65 mm
Package Level 1 Gross Weight	0.065 kg
Package Level 1 EAN	4013614350665

Classifications

Object Classification Code	K
ETIM 7	EC001439 - Timer relay
ETIM 8	EC001439 - Timer relay
ETIM 9	EC001439 - Timer relay
eClass	V11.0 : 27371605
UNSPSC	39122329
E-Number (Finland)	2712641
E-Number (Sweden)	4033011

Categories

Low Voltage Products and Systems → Control Products → Electronic Relays and Controls → Time Relays → CT-D

